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Education

(2014–20–) PhD. Candidate in Astronomy and Astrophysics
(2016) M.S. in Astronomy and Astrophysics
University of Michigan-Ann Arbor
Advisor: Lee Hartmann

(2010–2014) B.S. in Physics and Astronomy
B.A. in Geological Sciences
Mathematics Minor
University of Rochester, Cum Laude

Publications

“Kinematics and Structure of Star-Forming Regions: Insights from Cold Collapse Models” (**Kuznetsova, A.**, Hartmann, L., Ballesteros-Paredes, J., 2017b) MNRAS

“Gravitational Focusing and the Star Cluster Initial Mass Function” (**Kuznetsova, A.**, Hartmann, L., Burkert, A., 2017a) ApJ

“Signatures of Star Formation by Cold Collapse” (**Kuznetsova, A.**, Hartmann, L., Ballesteros-Paredes, J., 2015) ApJ

“Bondi-Hoyle-Littleton Accretion and the Upper Mass Stellar IMF” (Ballesteros-Paredes, J., Hartmann, L., Perez-Goytia, N., and **Kuznetsova, A.**, 2015) MNRAS

Presentations

(03/2017) Star Formation: Cores to Clusters Workshop, ESO Santiago, Chile; Poster

(06/2015) Origins of the Solar System Gordon Research Conference, Mount Holyoke College; Poster

(06/2015) Frontiers in Star Formation, University of Michigan; Invited Talk

(10/2014) Circumstellar Disks and Planet Formation, MIRA, Ann Arbor, MI; Poster

(01/2014) 223rd AAS Meeting, Washington, DC; Poster

Awards and Honors

- (2016) National Science Foundation GRFP Honorable Mention Recipient
- (2015) Rackham Travel Grant, University of Michigan
- (2014) Rackham Merit Fellowship recipient, University of Michigan
- (2014) Stoddard Senior Thesis Prize in Physics and Astronomy, University of Rochester
- (2014) Undergraduate Teaching Award in Physics and Astronomy, University of Rochester
- (2013) Catherine Block Memorial Prize for Undergraduate Women in Science, University of Rochester
- (2010–2014) National Merit Scholarship, National Merit Foundation

Service and Outreach

- (2017) Science Communication Fellow, Ruthvens Museum of Natural History, University of Michigan
- (2015-) Astrocoffee coordinator: regular astro-ph discussions, University of Michigan
- (2015-) Astronomy on Tap co-organizer, Ann Arbor, Michigan
- (2015-) Volunteer for *FEMMES* (Females Excelling More in Math, Engineering, and the Sciences) organization, University of Michigan
- (2013/2014) "Spooky Science Day" organizer, Society of Physics Students, University of Rochester
- (2011-2013) Society of Physics Students Outreach Coordinator, University of Rochester

Teaching

- (2016) Fall: ASTRO 201: Introduction to Astrophysics; Graduate Student Instructor
- (2015) Fall: ASTRO 104: Alien Skies; Graduate Student Instructor
- (2015) Spring: ASTRO 102: Stars, Galaxies, and the Universe; Graduate Student Instructor
- (2014) Spring: AST 106: Cosmic Origins of Life; Undergraduate Teaching Intern
- (2013) Fall: AST 102: Relativity, Black Holes, and the Big Bang; Undergraduate Teaching Intern
- (2012) Spring: AST 142: Elementary Astrophysics; Undergraduate Teaching Intern
- (2011/2013) Fall: AST 111: The Solar System and its Origin; Undergraduate Teaching Intern